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Atty. Docket No.	<u>Serial No.</u>
0553-0373	10/626,024

<u>Applicant</u> Tetsuo TSUTSUI

Filing Date Group
July 24, 2003 2879

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
Moley	US 2003/ 0189401 A1	10/09/03	Kido et al	313	504	03/21/03

FOREIGN PATENT DOCUMENTS

<u> </u>	·		TOTAL TITLE IN DOUGLES			
	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

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The The Court of t	Atty. Docket No. 0553-0373	<u>Serial No.</u> 10/626,024
LIST OF PUBLICATIONS CITED BY APPLICANT	Applicant Tetsuo TSUTSUI	
	<u>Filing Date</u> July 24, 2003	<u>Group</u> 2879

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
	4,971,919 5,478,777 US 2001/ 0046611 A1 6,844,025 B2 US 2005/ 0023522 A1	11/20/90 12/26/95 11/29/01 01/18/05 02/03/05	Yamazaki Yamazaki Kido et al Forrest et al Frey et al	437 437 428 427 257	2 173 690 74 40	03/09/89 09/22/94 02/25/99 01/14/04 05/07/04

FOREIGN PATENT DOCUMENTS

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DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

Mors

- 1) FERRARIS, J. et al, "Electron Transfer in a New Highly Conducting Donor-Acceptor Complex," Journal of the American Chemical Society, vol. 95, no. 3, pp. 948-949, February 7, (1973).
- 2) TANG, C.W. et al, "Two-Layer Organic Photovoltaic Cell," Applied Physics Letters, vol. 48, no. 2, pp. 183-185, January 13, (1986).
- 3) HIRAMOTO, M. et al, "Effect of Thin Gold Interstitial-Layer on the Photovoltaic Properties of Tandem Organic Solar Cell," Chemistry Letters, pp. 327-330, (1990).
- 4) YU, G. et al, "Charge Separation and Photovoltaic Conversion Polymer Composites with Internal Donor/Acceptor Heterojunctions," J. Appl. Phys., vol. 78, no. 7, pp. 4510-4515, October 1, (1995).
- 5) PARTHASARATHY, G. et al, "A Metal-Free Cathode for Organic Semiconductor Devices," J. Appl. Phys., vol. 72, no. 17, pp. 2138-2140, April 27, (1998).

EXAMINER: Marial Darting DATE CONSIDERED:

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LIST	OF	PU	JBLICATIONS
CITE	ED E	3Y	APPLICANT

Atty Docket No. 0553-0373	<u>Serial No.</u> 10/626,024
<u>Applicant</u> Tetsuo TSUTSUI	·
<u>Filing Date</u> July 24, 2003	<u>Group</u> 2879

U.S. PATENT DOCUMENTS

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*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
Moly	5,677,546 5,682,043 6,013,384 6,107,734 6,300,612 B1 US 2001/ 0031509 A1 6,423,429 B2 6,452,092 B2 6,580,213 B2 US 2003/ 0209974 A1	10/14/97 10/28/97 01/11/00 08/22/00 10/09/01 10/18/01 07/23/02 09/17/02 06/17/03 11/13/03	Yu Pei et al Kido et al Tanaka et al Yu Yamazaki Kido et al Han et al Yamazaki Yamazaki	257 257 428 313 250 438 428 136 313 313	40 40 690 506 208.1 48 690 263 506 504	05/19/95 06/28/94 01/22/98 09/28/98 02/02/99 01/30/01 02/25/99 01/19/01 01/30/01 06/13/03

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
Mony	EP 0 855 848 JP 10-270171 JP 11-251067 EP 0 948 063 JP 11-329748 JP 2003- 045676	07/29/98 10/09/98 09/17/99 10/06/99 11/30/99 02/14/03	Kido et al Kido et al Kido et al Kido et al Idemitsu Kosan Co. Kido et al	X X X	х	01/07/98 03/27/97 03/02/98 02/25/99 05/20/98 07/26/01

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

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<u>Atty. Docket No.</u> 0553-0373	<u>Serial No.</u> 10/626,024
<u>Applicant</u> Tetsuo TSUTSUI	
<u>Filing Date</u> July 24, 2003	<u>Group</u> 2879

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
arry	4,871,236 6,198,092 B1 US 2002/ 0189666 A1	10/03/89 03/06/01 12/19/02	Gemma et al Bulovic et al Forrest et al	350 250 136	355 214.1 263	09/16/86 08/19/98 06/11/01
	US 2003/ 0042846 Al	03/06/03	Forrest et al	313	503	09/06/01
	US 2004/ 0113546 A1	06/17/04	Forrest et al	313	504	11/21/03

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE		
Molz	JP 60-028278 EP 0 215 683 B1 JP 2001- 291592	02/13/85 03/25/87 10/19/01	Mitsubishi Electric Kabushiki Kaisha Toshiba Semiconductor Energy Lab Co. Ltd.	х .	X	07/26/83 09/18/86 01/31/01		
	JP 2002- 164170 WO 02/101838	06/07/02 12/19/02	Matsushita Electric Works, Ltd. Trustees of Princeton Univ.	X		11/27/00 06/07/02		

OTHER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

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	Barener		Atty. Docket No. 0553-0373	<u>Serial 1</u> 10/626,0		
LIST OF PUBLICATIONS CITED BY APPLICANT		<u>Applicant</u> Tetsuo TSUTSUI				
			Filing Date July 24, 2003	<u>Group</u> 2879		
		U.S.	PATENT DOCUMENTS			
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE
Mark	5,970,318 6,198,091 B1 6,278,055 B1 6,297,495 B1 6,352,777 B1 US 2002/ 0119297 A1 6,451,415 B1 US 2002/ 0197462 A1 6,524,884 B1 US 2003/ 0218166 A1 US 2004/ 0027059 A1 6,692,820 B2 US 2004/ 0151887 A1	10/19/99 03/06/01 08/21/01 10/02/01 03/05/02 08/29/02 09/17/02 12/26/02 02/25/03 11/27/03 02/12/04 02/17/04 08/05/04	Choi et al Forrest et al Forrest et al Bulovic et al Bulovic et al Forrest et al Forrest et al Forrest et al Tsutsui Tsutsui Forrest et al Forrest et al	438 250 136 250 428 428 428 428 438 257 313 428 428	99 214.1 263 214.1 411.1 199 212 212 99 40 504 212 212	05/15/98 08/19/98 08/19/98 08/19/98 08/19/98 12/21/01 11/26/99 08/05/02 05/16/02 05/20/03 07/28/03 08/05/02 01/14/04
		FOREI	GN PATENT DOCUMENTS			
·	DOCUMENT NUMBER	DATE	APPLICANT	English Abstract	English Trans.	FILING DATE
Cushy	JP 04-192376 JP 06-318725 JP 2001- 357975 JP 2003- 515933	07/10/92 11/15/94 12/26/01 05/07/03 (05/31/01 Int. Pub date)	Sekisui Chem Co Ricoh Co., Ltd. Rohm Co., Ltd. University of Princeton	x	x x	11/22/90 05/10/93 06/16/00 11/15/00

Mariul, Sontrago 9/1/05



THER PRIOR ART - NON-PATENT LITERATURE DOCUMENTS (Including Author, Title, Date, Pertinent Pages)

MXX

- 6) FUCHIGAMI, H. et al, "Polythienylenevinylene Thin-Film Transistor with High Carrier Mobility," Applied Physics Letters, vol. 63, no. 10, pp. 1372-1374, September 6, (1993).
- 7) GUNDLACH, D.J. et al, "Pentacene Organic Thin-Film Transistors Molecular Ordering and Mobility," IEEE Electron Device Letters, vol. 18 no. 3, pp. 87-89, March, (1997).
- 8) RUHSTALLER, B. et al, "Bias-Tuned Reduction of Self-Absorption in Polymer Blend Electroluminescence," Chemical Physics Letters, vol. 317, pp. 238-244, February 4, (2000).
- 9) NARAYAN, K.S. et al, "Light Responsive Polymer Field-Effect Transistor," Applied Physics Letters, vol. 79, no. 12, pp. 1891-1893, September 17, (2001).
- 10) SHIRAKAWA, H. et al, "Synthesis of Electrically Conducting Organic Polymers: Halogen Derivatives of Polyacetylene, (CH)x," J.C.S. Chem. Comm., no. 16, pp. 578-580 (1977).
- 11) TANG, C.W. et al, "Organic Electroluminescent Diodes," Appl. Phys. Lett., vol 51, no. 12, pp. 913-915, September 21, (1987).
- 12) TSUTSUI, T., "The Operation Mechanism and the Light Emission Efficience of the Organic EL Element," Textbook of the 3rd seminar at Division of Organic Molecular Electronics and Bioelectronics, The Japan Society of Applied Physics, pp. 31-37, with English translation pp. 1-11, (1993).
- 13) SATO, Y., "Problem for Implementation in View of Materials Development," The Japan Society of Applied Physics/Organic Molecular Electronics and Bioelectronics," vol. 11, no. 1, pp. 86-89 with English abstract, (2000).
- 14) KIDO, J. et al, "49th Japan Society of Applied Physics and Related Societies," abstract 27p-YL-3, p. 1308, March, (2002).
- 15) US patent application no. 10/309,843 (pending) to Tsutsui, filed December 4, 2002, including specification, abstract, claims, drawings and PTO filing receipt.

EXAMINER:

Marial faction

DATE CONSIDERED: